XXV. *An Account of the Flowing of the Tides in the* South Sea, *as obſerved on board His Majeſty's Bark the* Endeavour, *by Lieut.* J. Cook, *Commander, in a Letter to* Nevil Maſkelyne, *Aſtronomer Royal, and F. R. S.*

Mile-end, February 5, 1772.

Reverend Sir,

Read May 21, 1772.

I Here ſend you the few obſervations I made on the tides in the South Sea, to which I have only to add, that, from many circumſtances and obſervations, I am fully convinced that the flood comes from the ſouthward, or rather from the S. E. I am,

SIR,

Your moſt obedient,

humble ſervant,

J. Cook.

Names

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Names of places where obſerved.	Lat. South.	Long. Weſt.	New and full Moon.	
			High water.	Riſe & fall.
			H. M.	F. In.
Succeſs Bay in Strait le Maire —	54 45	66 4	4 30	5 6
Lagoon Iſland — — —	18 47	139 28	0 30	. . . .
Matavai Bay, Otaheita — —	17 29	149 30	0 30	0 11
Tolaga Bay, Eaſt coaſt of New Zealand	38 22	181 14	6 0	5 6
Mercury Bay, N. E. ditto — —	36 48	184 4	7 30	7 0
River Thames, ditto — — —	37 12	184 12	9 0	10 0
Bay of Iſlands, ditto — — —	35 14	185 36	8 0	7 0
Queen Charlotte's Sound, Cook's Strait New Zealand — — —	41 0	184 45	9 30	7 6
Admiralty Bay, in ditto — —	41 45	185 12	10 0	7 0
Botany Bay, coaſt of New South-Wales	34 0	208 37	8 0	4 6
Buſtard Bay, ditto — — —	24 30	208 20	8 0	8 0
Thirſty Sound, ditto — — —	25 5	210 24	11 0	16 0
Endeavour River, ditto — —	15 26	214 48	9 30	9 0
Endeavour's Strait, which divides New Guinea from New Holland —	10 37	218 45	1 30	11 0